

INTERNATIONAL SEARCH REPORT

IB2004/051018

A. CLASSIFICATION OF SUBJECT MATTER H01J61/34 H01J61/36 H01J61/82 H01J61/12																		
According to International Patent Classification (IPC) or to both national classification and IPC																		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H01J																		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ																		
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Category °</th> <th style="text-align: left;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="text-align: left;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>DE 101 14 289 A1 (ADVANCED LIGHTING TECHNOLOGIES, INC) 27 September 2001 (2001-09-27) the whole document</td> <td>1-15</td> </tr> <tr> <td>Y</td> <td>US 5 252 885 A (MUSEROLL ET AL) 12 October 1993 (1993-10-12) figures 1,2 column 2, line 49 - column 3, line 54 column 5, line 1 - line 14</td> <td>1-15</td> </tr> <tr> <td>A</td> <td>EP 1 033 742 A (OSRAM SYLVANIA INC) 6 September 2000 (2000-09-06) figure 1 column 5, line 53 - column 7, line 57</td> <td>1-15</td> </tr> <tr> <td></td> <td style="text-align: center;">-/-</td> <td></td> </tr> </tbody> </table>				Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	DE 101 14 289 A1 (ADVANCED LIGHTING TECHNOLOGIES, INC) 27 September 2001 (2001-09-27) the whole document	1-15	Y	US 5 252 885 A (MUSEROLL ET AL) 12 October 1993 (1993-10-12) figures 1,2 column 2, line 49 - column 3, line 54 column 5, line 1 - line 14	1-15	A	EP 1 033 742 A (OSRAM SYLVANIA INC) 6 September 2000 (2000-09-06) figure 1 column 5, line 53 - column 7, line 57	1-15		-/-	
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.																
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 075 586 A (JAEGER ET AL) 24 December 1991 (1991-12-24) figures 1-3 column 4, line 8 - line 20 -----	1-15

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 10114289	A1	27-09-2001	GB US	2362257 A 2004061441 A1		14-11-2001 01-04-2004
US 5252885	A	12-10-1993		NONE		
EP 1033742	A	06-09-2000	AT CA DE JP US	299616 T 2294667 A1 60021218 D1 2000251843 A 6249077 B1		15-07-2005 02-09-2000 18-08-2005 14-09-2000 19-06-2001
US 5075586	A	24-12-1991	DD DE EP HU JP JP KR	296577 A5 8908561 U1 0407850 A1 56203 A2 3022354 U 5048360 Y2 9600267 Y1		05-12-1991 21-09-1989 16-01-1991 29-07-1991 07-03-1991 24-12-1993 05-01-1996